

## CLAIMS:

1. An image display system for realizing a multiple monitor system, incorporating an input interface and an output interface, wherein there is provided:

    a data sending and receiving device which delivers device information to image display devices connected to said input interface and said output interface,

    an identification processing device which analyzes and processes data acquired by said data sending and receiving devices, and

    a storage device which stores control information and specification information of said image display devices, and device addresses allocated to said image display devices.

2. An image display system according to claim 1, wherein said data sending and receiving device delivers data according to a DDC (Display Data Channel) communication procedure.

3. An image display system according to claim 1, which uses manufacturers' serial numbers of said image display devices, asset management numbers of said image display devices, or arbitrarily allocated numbers allocated to said image display devices, as device addresses, and said data sending and receiving devices deliver data using said device addresses.

4. An image display system according to claim 2, which uses manufacturers' serial numbers of said image display devices, asset management numbers of said image display devices, or arbitrarily allocated numbers allocated to said image display devices, as device

addresses, and said data sending and receiving devices deliver data using said device addresses.

5. An image display system according to claim 1, wherein said identification processing device identifies whether image display devices are connected to an output interface by using said data sending and receiving device, and identifies an operating state of the image display devices connected to the output interface.

6. An image display system according to claim 2, wherein said identification processing device identifies whether image display devices are connected to an output interface by using said data sending and receiving device, and identifies an operating state of the image display devices connected to the output interface.

7. An image display system according to claim 3, wherein said identification processing device identifies whether image display devices are connected to an output interface by using said data sending and receiving device, and identifies an operating state of the image display devices connected to the output interface.

8. An image display system according to claim 4, wherein said identification processing device identifies whether image display devices are connected to an output interface by using said data sending and receiving device, and identifies an operating state of the image display devices connected to the output interface.

9. An image display system according to claim 1, wherein said identification processing device reads specification information from image display devices connected

to an output interface by using said data sending and receiving device, extracts data common to its own specification data to edit its own specification data, and stores the edited specification data in said storage device.

10. An image display system according to claim 8, wherein said identification processing device reads specification information from image display devices connected to an output interface by using said data sending and receiving device, extracts data common to its own specification data to edit its own specification data, and stores the edited specification data in said storage device.

11. An image display system according to claim 1, wherein said identification processing device remotely controls image display devices connected to an output interface using said data sending and receiving device.

12. An image display system according to claim 10, wherein said identification processing device remotely controls image display devices connected to an output interface using said data sending and receiving device.

13. An image display system according to claim 1, further provided with a response device which processes index control responses in a multiple monitor environment using indexes, even when it is not physically connected to a host computer.

14. An image display system according to claim 12, further provided with a response device which processes index control responses in a multiple monitor environment using indexes, even when it is not physically connected to a host computer.